FIG. 1

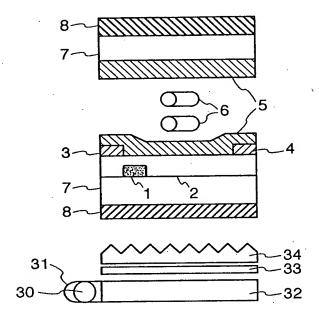


FIG. 2

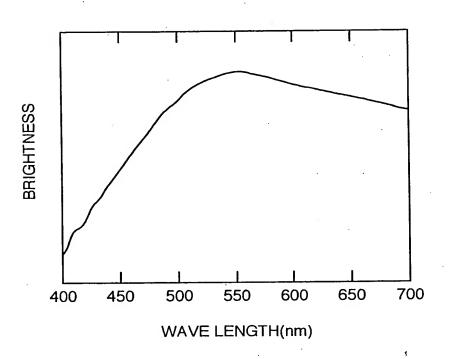


FIG. 3

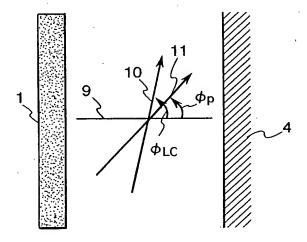
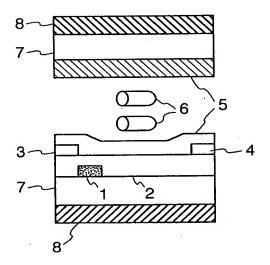


FIG. 4(a)

FIG. 4(b)



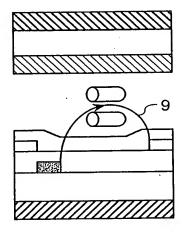
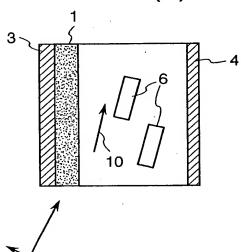


FIG. 4(c)

FIG. 4(d)



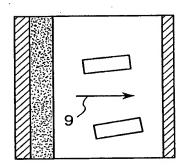


FIG. 5

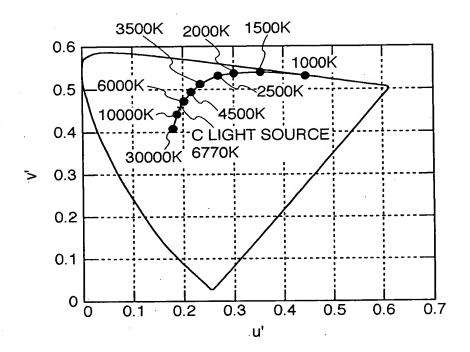


FIG. 6

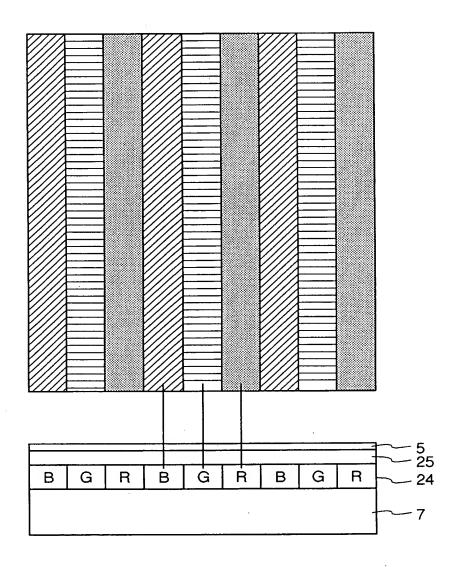


FIG. 7(a)

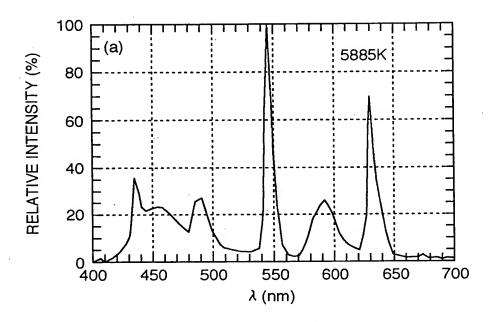


FIG. 7(b)

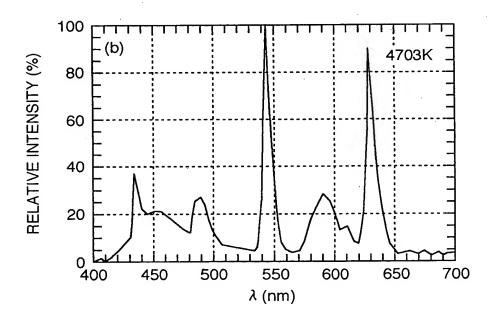


FIG. 8(a)

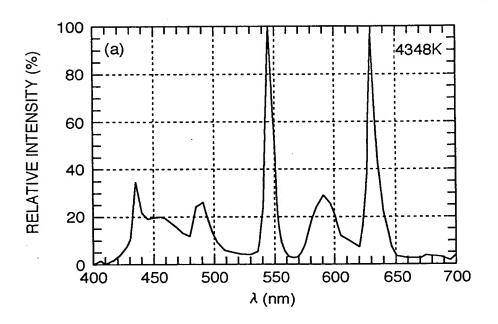


FIG. 8(b)

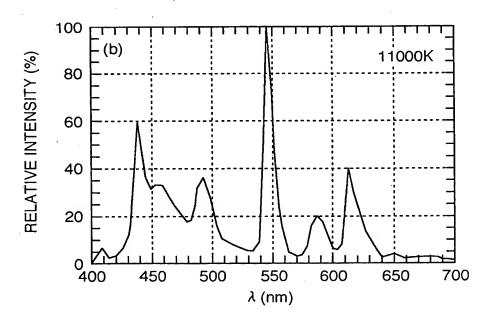


FIG. 9(a)

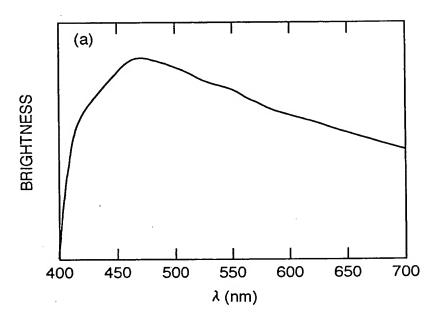


FIG. 9(b)

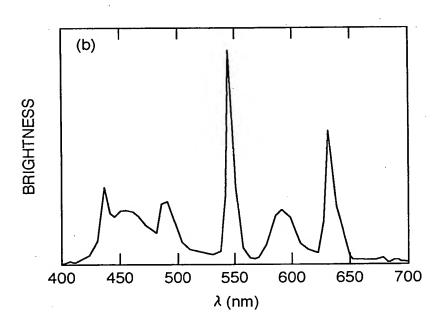


FIG. 10

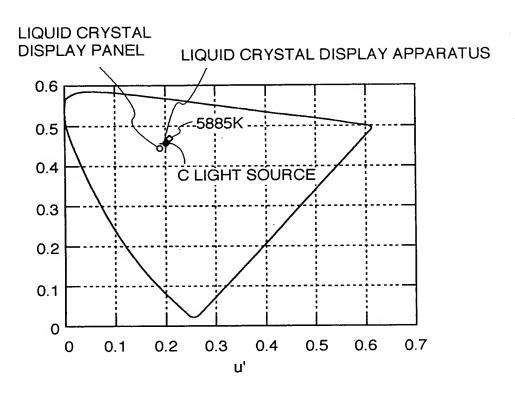


FIG. 11A

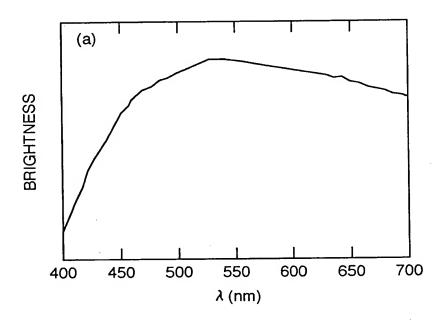


FIG. 11B

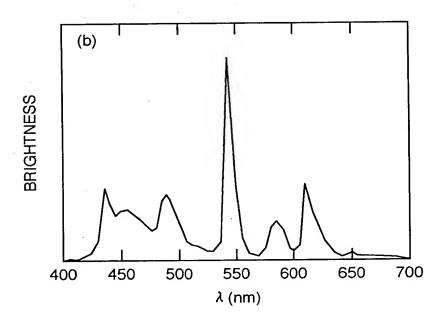


FIG. 12

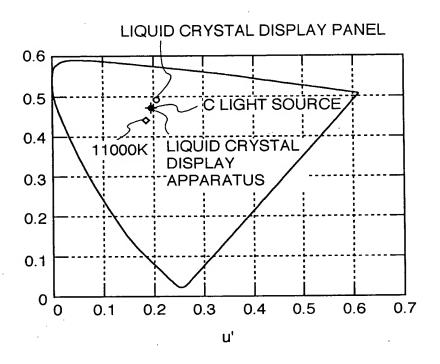


FIG. 13A

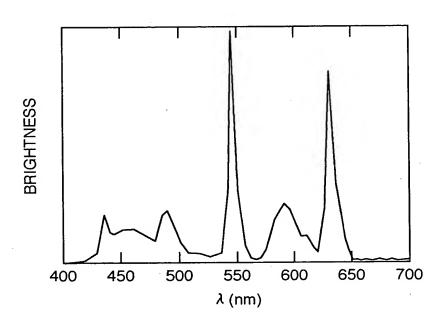


FIG. 13B

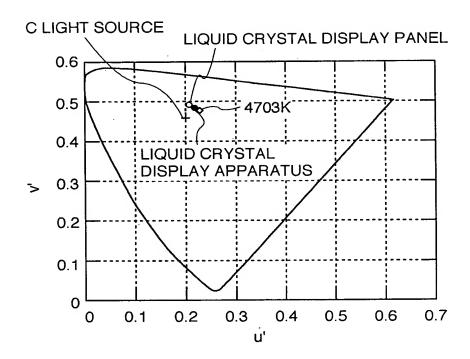


FIG. 14A

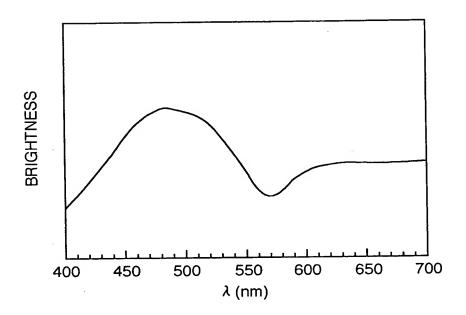


FIG. 14B.

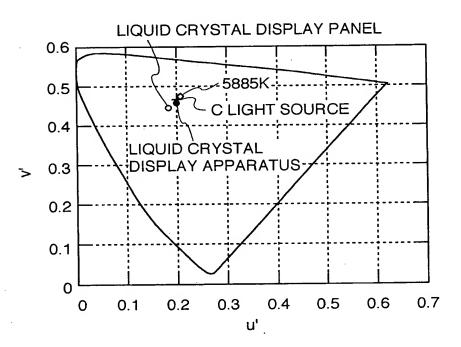


FIG. 15

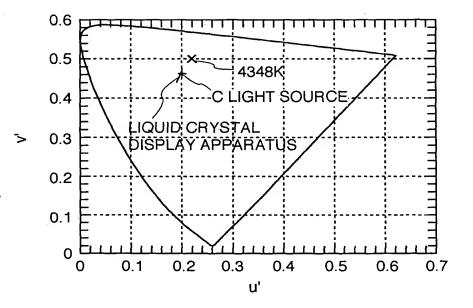


FIG. 16

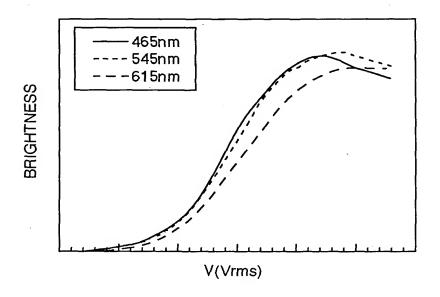


FIG. 17

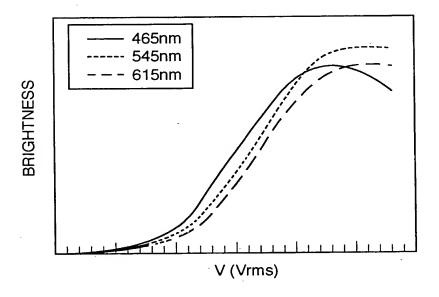


FIG. 18

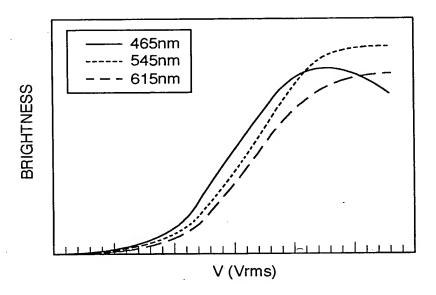
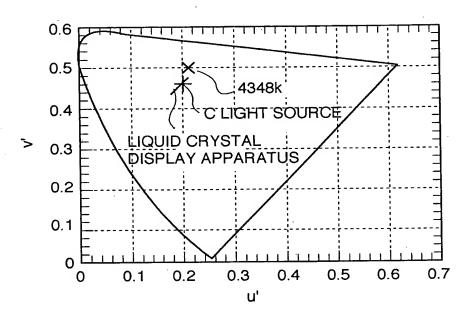
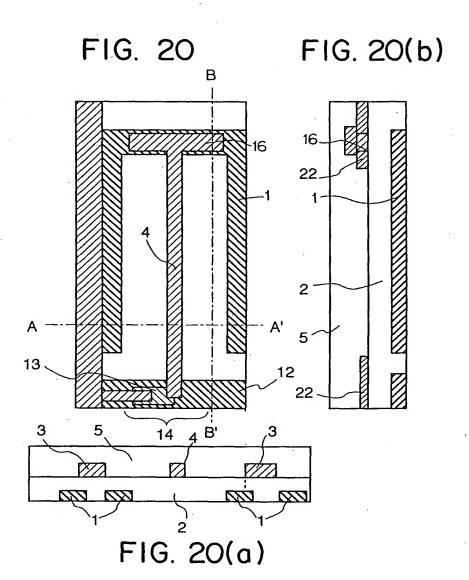
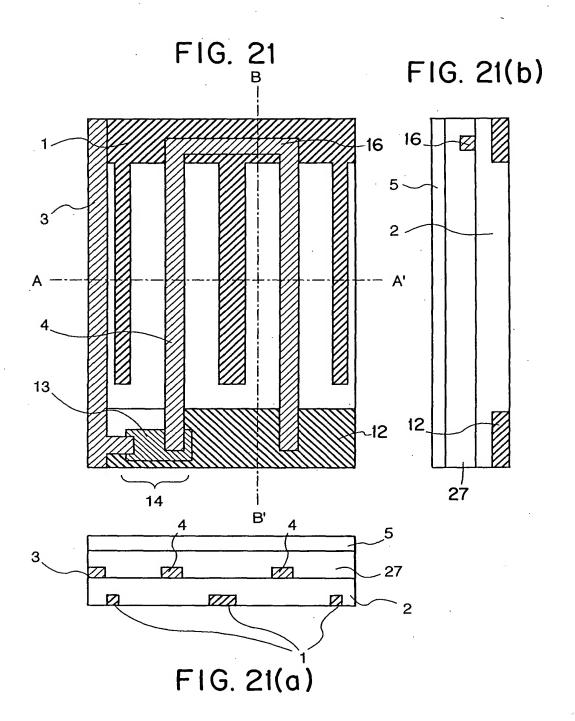


FIG. 19







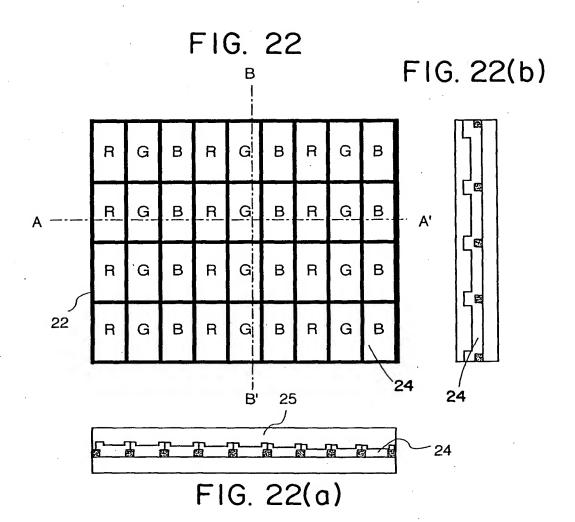


FIG. 23

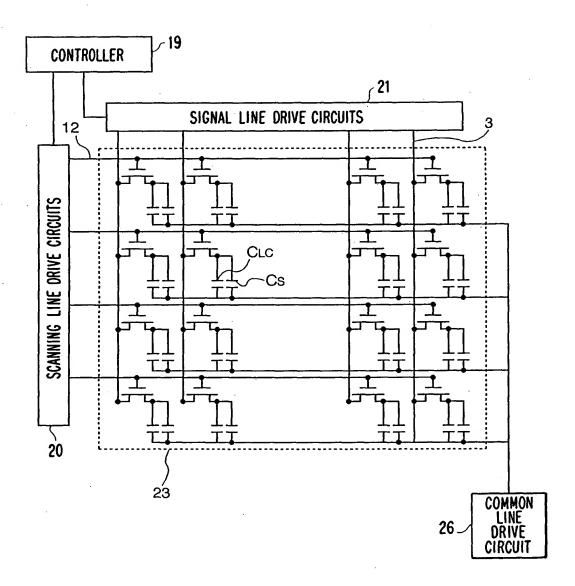


FIG. 24

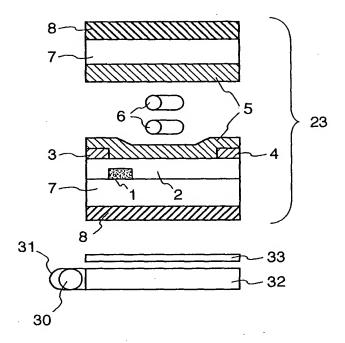


FIG. 25

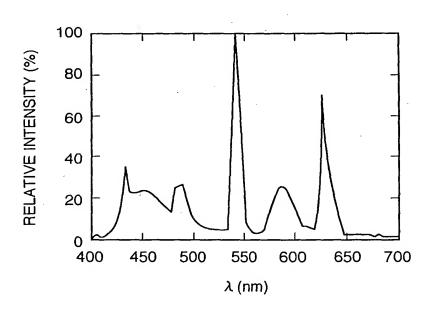


FIG. 26

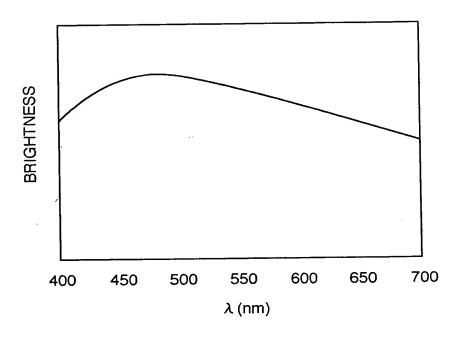


FIG. 27

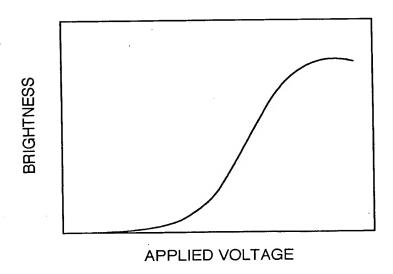


FIG. 28

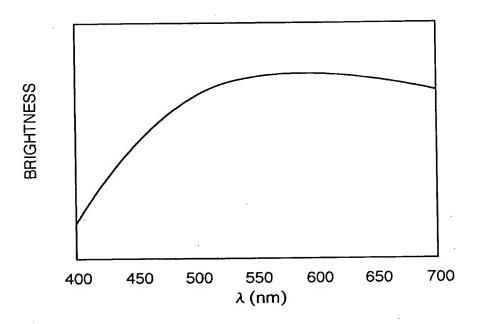


FIG. 29

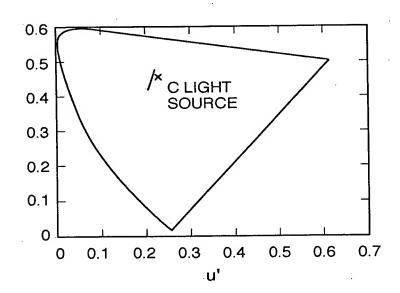


FIG. 30

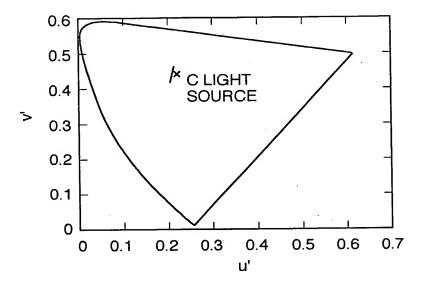
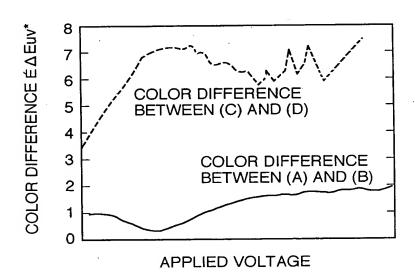
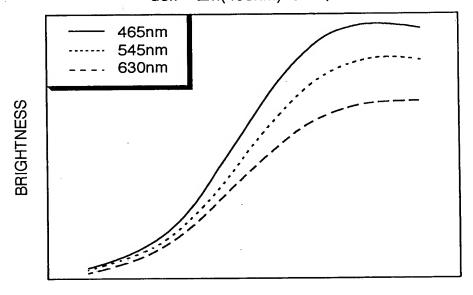


FIG. 31



**FIG.32** 

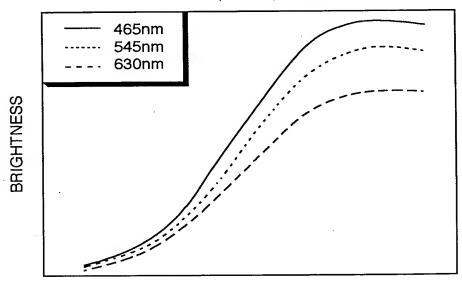
EMBODIMENT A deff  $\cdot$   $\Delta$ n(490nm)=0.21  $\mu$  m



APPLIED VOLTAGE

**FIG.33** 

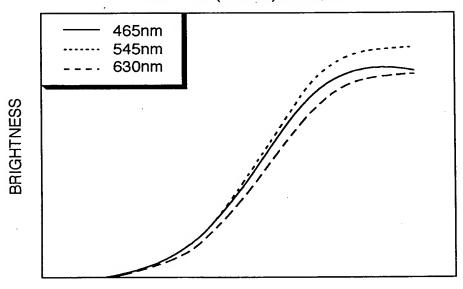
EMBODIMENT B deff •  $\Delta$ n(490nm)=0.23  $\mu$  m



APPLIED VOLTAGE

**FIG.34** 

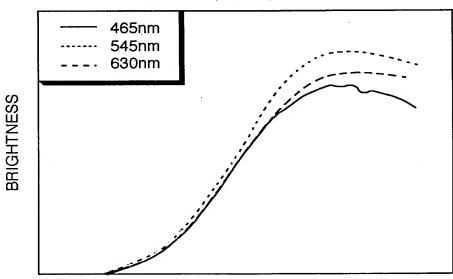
EMBODIMENT C deff •  $\Delta$ n(490nm)=0.33  $\mu$  m



APPLIED VOLTAGE

**FIG.35** 

EMBODIMENT D deff •  $\Delta$ n(490nm)=0.33  $\mu$  m



APPLIED VOLTAGE

FIG. 36

